

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): An information communication terminal with a TV telephone function, comprising:
 - a display data generating section which generates first display data in a general use mode in which a TV telephone function is not used;
 - a TV telephone processing section which generates second display data in a TV telephone use mode in which the TV telephone function is used;
 - a display unit which displays inputted display data;
 - a first switch provided among said display data generating section, said TV telephone processing section and said display unit; and
 - a control section which controls said first switch to connect said display data generating section and said display unit in said general use mode such that said first display data is supplied to said display unit and to connect said TV telephone processing section and said display unit in said TV telephone use mode such that said second display data is supplied to said display unit,

wherein the TV telephone use mode is enabled when image data is transmitted and received together with a communication sound, and the second display data includes a motion image which is always displayed when the TV telephone mode is enabled.

2. (Original): The information communication terminal with the TV telephone function according to claim 1, further comprising:

a power source; and

a second switch provided between said TV telephone processing section and said power source,

wherein said control section controls said second switch to disconnect said power source from said TV telephone processing section in said general use mode and to connect said power source from said TV telephone processing section in said TV telephone use mode.

3. (currently amended): The information communication terminal with the TV telephone function according to claim 1, wherein said TV telephone processing section comprises:

a first memory;

a first input circuit connected to said display data generating section, wherein said first input circuit receives said first display data from said display data generating section, carries out a first converting process to said first display data to generate converted display data, and to store in said first memory;

a motion picture CODEC circuit which receives compressed motion picture data from a counter end, expands said received compressed motion picture data into expanded motion picture display data, and stores in said first memory;

a camera;

a second input circuit connected to said camera, wherein said second input circuit receives motion picture display data from said camera, carries out a second converting process to said motion picture display data to generate converted motion picture display data, and to store in said first memory; and

a combining circuit which reads out said converted display data, said expanded motion picture display data and said converted motion picture display data from said first memory to combine or ~~synthesize~~ into said second display data, and outputs said second display data to said first switch.

4. (Original): The information communication terminal with the TV telephone function according to claim 3, wherein said motion picture CODEC circuit reads out said converted motion picture display data from said first memory, and compresses said converted motion picture display data into transmission motion picture data, and

said information communication terminal further comprises:

a communication circuit which transmits said transmission motion picture data to said counter end.

5. (Original): The information communication terminal with the TV telephone function according to claim 3, wherein said display unit has a third input circuit which receives said first display data as said inputted display data,

said first input circuit achieves a same function as that of said third input circuit.

6. (Original): The information communication terminal with the TV telephone function according to claim 3, wherein said TV telephone processing section further comprises:

a second memory,

wherein said motion picture CODEC circuit stores said expanded motion picture display data in said second memory in response to a first instruction from said control section, and

said second input circuit stores said converted motion picture display data in said second memory in response to a first instruction from said control section.

7. (currently amended): A switching method between a mobile phone function and a TV telephone function, comprising:

(a) generating first display data in a mobile phone function mode;

(b) generating second display data by using a TV telephone function in a TV telephone function mode;

(c) connecting said first display data to a display unit in said general use mode such that said first display data is displayed on said display unit; and

(d) connecting said second display data to said display unit in said TV telephone function mode such that said second display data is displayed on said display unit,

wherein the TV telephone function mode is enabled when image data is transmitted and received together with a communication sound, and the second display data includes a motion image which is always displayed when the TV telephone mode is enabled.

8. (Original): The switching method according to claim 7, further comprising:

(e) supplying electric power for said TV telephone function in said TV telephone function mode; and

(f) stopping the supply of the electric power in said mobile phone function mode.

9. (currently amended): The switching method according to claim 7, wherein said (b) generating comprises:

carrying out a first converting process to said first display data to generate converted display data, and to store in a first memory;

expanding compressed motion picture data received from a counter end into expanded motion picture display data, and storing in said first memory;

carrying out a second converting process to motion picture display data taken by a camera to generate converted motion picture display data, and to store in said first memory; and

reading out said converted display data, said expanded motion picture display data and said converted motion picture display data from said first memory to combine or synthesize into said second display data.

10. (Original): The switching method according to claim 9, further comprising:
reading out said converted motion picture display data from said first memory,
and compressing said converted motion picture display data into transmission motion picture
data; and
transmitting said transmission motion picture data to said counter end.
11. (Original): The switching method according to claim 9, wherein said expanding
comprises:
storing said expanded motion picture display data in a second memory, and
said carrying out a second converting process comprises:
storing said converted motion picture display data in said second memory.
12. (Previously Presented): The information communication terminal with the TV
telephone function according to claim 1, wherein said first display data is a user interface display
data which comprises at least one of operation menus, telephone numbers, e-mail data, browser
display data, battery level, and radio wave strength data.
13. (Previously Presented): The information communication terminal with the TV
telephone function according to claim 1, wherein said TV telephone processing section further
generates said second display data in an imaging use mode, and said control section controls said

first switch to connect said TV telephone processing section and said display unit in said imaging use mode such that said second display data is supplied to said display unit.

14. (Previously Presented): The information communication terminal with the TV telephone function according to claim 2, wherein said second switch is automatically switched in conjunction with said first switch in response to a selected mode, wherein said selected mode is said general use mode or said TV telephone use mode.

15. (Previously Presented): The switching method according to claim 7, wherein said first display data is a user interface display data which comprises at least one of operation menus, telephone numbers, e-mail data, browser display data, battery level, and radio wave strength data.

16. (Previously Presented): The switching method according to claim 7, wherein said generating said second display data further includes generating said second display data in an imaging use mode, and connecting said second display data to said display unit in said imaging use mode such that said second display data is displayed on said display unit.

17. (Previously Presented): The switching method according to claim 8, wherein supplying electric power for said TV telephone function automatically occurs in conjunction with said connecting said second display data to said display.

18. (new): The information communication terminal with the TV telephone function according to claim 1, wherein the first switch is a cross-over switch connecting said display data generating section and said display unit in said general use mode and connecting said TV telephone processing section and said display unit in said TV telephone use mode

19. (new): The information communication terminal with the TV telephone function according to claim 18, wherein the first switch provides a direct path from said display data generating section to said display unit in said general use mode and the first switch provides a direct path from said TV telephone processing section to said display unit in said TV telephone use mode

20. (new): The information communication terminal with the TV telephone function according to claim 1, wherein the general use mode is enabled when image data is not transmitted and received together with the communication sound.

21. (new): The information communication terminal with the TV telephone function according to claim 2, wherein the first switch is a cross-over switch connecting said display data generating section and said display unit in said general use mode and connecting said TV telephone processing section and said display unit in said TV telephone use mode

22. (new): The information communication terminal with the TV telephone function according to claim 21, wherein the first switch provides a direct path from said display data generating section to said display unit in said general use mode and the first switch provides a direct path from said TV telephone processing section to said display unit in said TV telephone use mode

23. (new): The information communication terminal with the TV telephone function according to claim 22, wherein said second switch is automatically switched in conjunction with said first switch in response to a selected mode, wherein said selected mode is said general use mode or said TV telephone use mode.